

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kouji Yamashita et al.

Application No.: 10/529,870

Filing Date: April 1, 2005

Title: AIR CONDITIONING EQUIPMENT, FAN EQUIPMENT, METHOD OF REDUCING NOISE OF EQUIPMENT, PRESSURE PULSATION REDUCER FOR REFRIGERATION CYCLE EQUIPMENT, PRESSURE PULSATION REDUCER FOR PUMP EQUIPMENT AND METHOD



Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a SUPPLEMENTAL Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By

Ellen Marcie Emas

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Date: April 20, 2006

**Buchanan Ingersoll PC**

ATTORNEYS

Including attorneys from Burns Doane Swecker &amp; Mathis

(8/05)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kouji Yamashita et al.

Application No.: 10/529,870

Filed: April 1, 2005

For: AIR CONDITIONING EQUIPMENT,  
FAN EQUIPMENT, METHOD OF  
REDUCING NOISE OF EQUIPMENT,  
PRESSURE PULSATION REDUCER  
FOR REFRIGERATION CYCLE  
EQUIPMENT, PRESSURE PULSATION  
REDUCER FOR PUMP EQUIPMENT  
AND METHOD OF REDUCING  
PRESSURE PULSATION OF  
EQUIPMENT



Group Art Unit: To Be Assigned

Examiner: To Be Assigned

Confirmation No.: To Be Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: April 20, 2006

Sir:

This Information Disclosure Statement is provided as a Second Supplemental to the First Information Disclosure Statement filed on January 12, 2006 and the Supplemental Information Disclosure Statement filed March 13, 2006 in the above-identified patent application, wherein a the four (4) references were inadvertently omitted, a typographical error occurred in the typing of Japanese Patent 08-143149 and the status of the foreign patent documents were indicated incorrectly. The attached Form PTO-1449 now properly lists all of the art Applicants wished to be considered. Applicants request that the Examiner consider the cited references prior to the issuance of the first Office Action in the above-identified application.

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the

requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By:

  
Ellen Marcie Emas  
Registration No. 32,131

Date April 20, 2006

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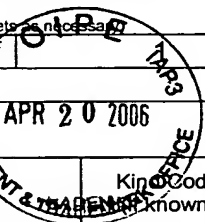
# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

**Complete if Known**

Application Number	10/529,870
Filing Date	April 1, 2005
First Named Inventor	Kouji Yamashita et al.
Examiner Name	To Be Assigned
Attorney Docket Number	018773-044

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	RE37,120E	E1	Aoyama, Yoshitaka et al	04/03/2001
	5,638,940	A	Aoyama, Yoshitaka et al.	06/17/1997
	6,772,856	B2	Ishii, Tatsuya	08/10/2004
	2003/0006089	A1	Ishii, Tatsuya	01/09/2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	SHO 58-194908		Japan			x					
	SHO 57-173686		Japan			x					
	61-003943		Japan							x	
	04-369342		Japan							x	
	07-247905		Japan							x	
	08-143149		Japan							x	
	2003-015656		Japan							x	

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Howe, M. S. "Attenuation of sound in a low Mach number nozzle flow." J. Fluid Mech. Volume 91, Part 2. pp. 209-229. 1979.
	Bechert, D. W. "SOUND ABSORPTION CAUSED BY VORTICITY SHEDDING, DEMONSTRATED WITH A JET FLOW." Journal of Sound and Vibration. Volume 70 (3). Pp. 389-405. 1980.
	Japan Patent Office. International Patent Application No.: PCT/JP03/10741. November 25, 2003. 2 pages.

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.